

We claim:

- 1           1.       A roll core insert comprising:  
2           a first circular disk having an inside planar surface and an outside planar surface;  
3           a second circular disk having an inside planar surface and an outside planar surface;  
4           a body connecting the inside planar surface of the first circular disk and the inside planar  
5 surface of the second circular disk; and  
6           a security device disposed on the roll core insert  
7                 wherein at least one of the outside planar surface of the first circular disk and the  
8 outside planar surface of the second circular disk comprises an engagement mechanism.
- 1           2.       The roll core insert of claim 1 wherein the body is a rectangular shape and  
2 contacts at least a portion of a diameter of the first circular disk and at least a portion of a  
3 diameter of the second circular disk.
- 1           3.       The roll core insert of claim 1 wherein the body is substantially cylindrical,  
2 having a diameter equal to or less than the diameter of the first circular disk or the second  
3 circular disk.
- 1           4.       The roll insert of claim 3 wherein the security device is disposed on an exterior  
2 surface of the body, which comprises an arc and is not flat.
- 1           5.       The roll core insert of claim 3 wherein the body is a solid cylinder.
- 1           6.       The roll core insert of claim 5 wherein the solid cylinder defines channels.
- 1           7.       The roll core insert of claim 1 wherein the engagement mechanism is a tab.
- 1           8.       The roll core insert of claim 1 wherein the security device is an electronic  
2 surveillance security device.
- 1           9.       The roll core insert of claim 1 wherein the security device is a radio frequency  
2 identification device.
- 1           10.      A method of using a roll core insert, the method comprising the steps of:  
2 providing a roll core insert of claim 1; and  
3 inserting the roll core insert into a roll.
- 1           11.      The method of claim 10 wherein the roll is a paper roll or a plastic roll.